

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 May 2000 (11.05.2000)

PCT

(10) International Publication Number
WO 00/26248 A3

- (51) International Patent Classification⁷: **C07K 14/35**, 7/08, 16/12, C12Q 1/68, G01N 33/68, 33/569, 33/53, A61K 38/10, 31/70
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- (21) International Application Number: **PCT/GB99/03635**
- (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date:
3 November 1999 (03.11.1999)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
9824213.4 4 November 1998 (04.11.1998) GB
60/107,004 4 November 1998 (04.11.1998) US
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
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- Published:
— with international search report
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- (88) Date of publication of the international search report:
11 October 2001
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: **TUBERCULOSIS DIAGNOSTIC TEST**

(57) Abstract: A method of diagnosing in a host infection by or exposure to a mycobacterium which expresses ESAT-6 comprising (i) contacting a population of T cells from the host with one or more peptides or analogues selected from the peptides represented by SEQ ID NO:1 to 11 and analogues thereof which can bind a T cell receptor which recognises any of the said peptides, and (ii) determining whether the T cells of said T cell population recognise the peptide(s) and/or analogue(s). The method may be performed *in vivo*. Peptides and a kit which enable the method to be carried out are provided.

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